REGISTRY REPORT
West Central Phoenix - East Grand Avenue Site

I. INTRODUCTION

This Site Registry Report for the West Central Phoenix (WCP) East Grand Avenue Site is prepared to meet the requirements established in Arizona Revised Statutes (A.R.S.) §49-287.01.

II. BACKGROUND

The West Central Phoenix (WCP) Water Quality Assurance Revolving Fund (WQARF) Project Area was placed in the WQARF Priority List in 1987. Data obtained after the site was placed on the WQARF list indicated three primary areas of VOC contamination: the "Main Plume Area," the "WCP North Plume Site" and the "Southeast Area." Subsequent investigations indicated that the "Main Plume Area" consisted of several separate plumes of contamination, including the WCP East Grand Avenue Site.

As part of the WCP East Grand Avenue Site investigation, ADEQ has conducted investigations at a facility located at 2930 W. Osborn Road. In 1993, ADEQ performed soil and soil-gas sampling at the facility. Soil-gas samples detected trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethylene (1,1-DCE) and 1,1,1-trichloroethane (TCA). Soil samples contained TCE, PCE, TCA, pesticides and semivolatile compounds. In 1994, soil and soil-gas samples were collected. Soil-gas samples detected PCE, TCE, 1,1-DCE, ethyl benzene, o-xylene and m/p-xylene. The soil sampling investigation detected PCE, TCE and TCA at different depths. A soil sample collected at a depth of approximately 95 feet from the capillary fringe just above the water table detected PCE and TCE at concentrations of 140 micrograms per kilogram (µg/kg) and 80 µg/kg, respectively.

As part of the Phase I RI, three shallow monitor wells (WCP-15, WCP-16, and WCP-17) were installed at the facility in March 1997. Soil samples collected during the drilling of the wells showed the presence of PCE and TCE. Groundwater analytical results indicate the presence of PCE, TCE and 1,1-DCE beneath the site at maximum reported concentrations of 1,800 micrograms per liter (µg/L); 2,700 µg/L; and 290 µg/L, respectively.

Additional information regarding this facility is found in the WCP files under the facility file name of Van Waters & Rogers.

III. PUBLIC HEALTH ISSUES

So far, testing in the WCP area indicates almost no chance of human contact with the contamination. Sampling shows that the contaminated soils are under asphalt parking lots or

asphalt-surfaced storage areas, or under the concrete floors of buildings. Contaminated drinking water wells in the area have been shut down.

Although there is very little chance people will have contact with the contaminants, the Arizona Department of Health Services (ADHS) will conduct Health Risk Assessments at sites where Remedial Investigations/Feasibility Studies (RI/FSs) are being conducted to evaluate *potential* health risks. The contaminants found in the groundwater in the WCP area and at the WCP East Grand Avenue Site are classified as probable human carcinogens because some studies have shown they cause cancer in some animal species.

IV. E&E SCORE

Based on the most current information, the current E&E score for the WCP East Grand Avenue Site is 26.

V. LIMITATIONS

This Site Registry Report (SRR) is based upon information available as of the date shown. The SRR is intended as a historical document meeting the public notification requirements of A.R.S. § 49-287.01 (B) and (D). Site boundaries depicted on the attached Site Boundary Map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of the SRR. The actual extent of contamination may be different. Therefore the geographic boundaries for this site may change in the future as new information becomes available.

An updated SRR and associated Site Boundary Map will not be issued. As new information becomes available it will be made available for public review through placement in the public file.